Skynet

The Switcher Experts

IMC SKYNET ELECTRONIC CO.

30 W

SNP-2533

GENERAL SPECIFICATIONS

Input voltage ..... 100VAC to 260VAC

Input frequency ..... 47Hz to 63Hz
Inrush current(Cold)....20A at 115VAC
30A at 230VAC
Operation temperature ..... 0 to 50°C
Storage temperature ..-20°C to +85°C
Cooling ..... Free air convection
Efficiency ..... 70% typical
Holdup time ..... (115V) 20ms

Overvoltage type ..... Crowbar
Trip point 6.2V +/- 0.5V
Overload protection ..... Foldback
at 150% rated load
Switching frequency 30KHz
Designed comply with .....
UL 478, 1012
CSA 22.2
VDE 0806
EMI ..... Meet FCC class "A"

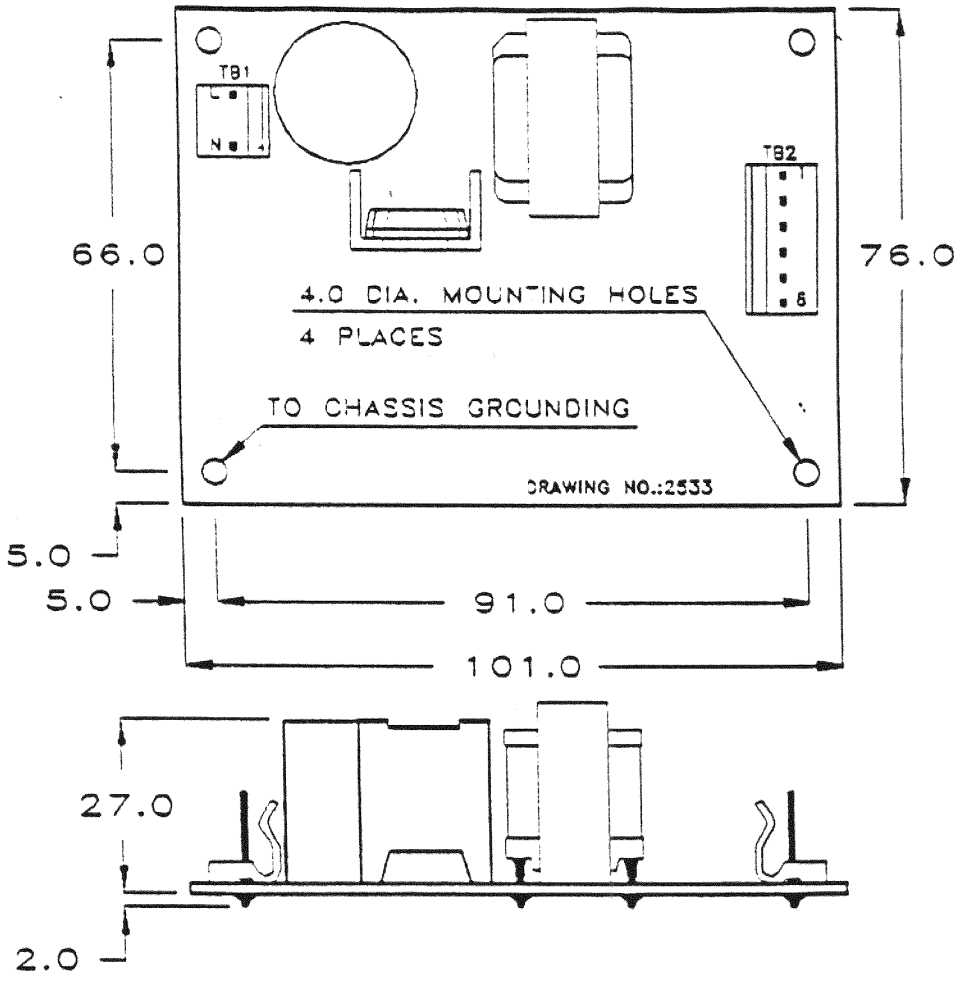
OUTPUT SPECIFICATIONS

MODEL NO.	OUTPUT VOLTAGE	LOAD MIN.	LOAD RATED	LOAD MAX.	TOLERANCE + / -	RIPPLE NOISE	LINE REG.	LOAD REG.
SNP-2533	+5V	0.5A	2.1A	3A	1 %	50mV	1 %	1 %
	+12V	0A	1.6A	2.3A	5 %	100mV	1 %	5 %

Note:

1. Each output can provide up to maximum load,but total load can not exceed 30 Watts continuously.
2. +5V output to be adjusted to +1% with all output at rated load at factory.
3. Tolerance is measured with all output at 50% rated load.
4. Line regulation is measured from low line to high line at rated load.
5. Load regulation is measured by +/- 40% load change from 60% rated load,and all other outputs to be kept at rated load.
6. Ripple & noise are measured by using a 12" twisted wire terminated with a 47uF capacitor.
7. Efficiency is measured at rated load.
8. All parameters except line regulation are specified at 115/230 VAC input, rated load, 25°C ambient.

MECHANICAL SPECIFICATION



NOTES:

1. DIMENSIONS SHOWN IN:MM
2. CONNECTORS:
   TB1:AC INPUT (MOLEX 5277--2 CIRCUITS)
   TB2:DC OUTPUT (MOLEX 5273--6 CIRCUITS)
   DC OUTPUT PIN ASSIGNMENT

PIN / MODEL	1	2	3	4	5	6
SNP-2533	+5V	+5V	GND	GND	+12V	+12V

3. ALLOWANCE:± .4 MM